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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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OK

August 8, 2002

TO: Internal File

FROM: Dana Dean, P.E., Reclamation Specialist 

RE: Coal Sampler Addition, Savage Industries Inc., Savage Coal Terminal C/007/022-AM02B

SUMMARY:

The Division received a proposal to add a coal sampler building at the Savage Coal Terminal on July 5, 2002. The proposal involves the addition of a coal sampler and associated building on the silo-loading conveyor, just east of the existing sampling building.

Information found in the proposal is considered adequate to meet the minimum requirements of the regulations.

The amendment should be approved and incorporated into the current MRP.

TECHNICAL ANALYSIS:

OPERATION PLAN

MINING OPERATIONS AND FACILITIES

Regulatory Reference: 30 CFR 784.2, 784.11; R645-301-231, -301-526, -301-528.

TECHNICAL MEMO

Analysis:

Facilities and Structures

The proposed structure will consist of a 26' X 16' X 27' steel building sitting on a concrete pad and footers. Total concrete volume will be approximately 20 cubic yards. The building will be enclosed at sampling and transfer points.

Findings:

Information provided in the application is adequate to meet the minimum Mining Operations and Facilities requirements of the regulations.

HYDROLOGIC INFORMATION

Regulatory Reference: 30 CFR Sec. 773.17, 774.13, 784.14, 784.16, 784.29, 817.41, 817.42, 817.43, 817.45, 817.49, 817.56, 817.57; R645-300-140, -300-141, -300-142, -300-143, -300-144, -300-145, -300-146, -300-147, -300-147, -300-148, -301-512, -301-514, -301-521, -301-531, -301-532, -301-533, -301-536, -301-542, -301-720, -301-731, -301-732, -301-733, -301-742, -301-743, -301-750, -301-761, -301-764.

Analysis:

Sediment control measures

Since the proposed structure will lie within the existing disturbed area, all runoff will be directed to sediment pond 6 through existing diversions.

Findings:

Information provided in the application is adequate to meet the minimum Hydrologic Information requirements of the regulations.

MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

Analysis:

The location of the new structure in relation to the permit area and other structures is shown on Plate 3-2, Savage Coal Terminal Facility Map. Plates 3-2 F and G show more detailed plans for constructing the building.

Findings:

Information provided in the application is adequate to meet the minimum Maps, Plans and Cross Sections of Mining Operations requirements of the regulations.

RECLAMATION PLAN

BONDING AND INSURANCE REQUIREMENTS

Regulatory Reference: 30 CFR Sec. 800; R645-301-800, et seq.

Analysis:

The application includes a bond estimate for the reclamation of the proposed structure, completed by Savage Industries. The estimated cost of reclamation is \$6,280. The present bond for the Savage Terminal is \$2,525,000, which includes a 5% contingency of \$126,250. Since the estimated cost for reclamation of this facility represents less than 5% of the contingency, the existing bond should be adequate.

Findings:

Information provided in the application is adequate to meet the minimum Bonding and Insurance Requirements section of the regulations.

RECOMMENDATIONS:

It is recommended that this application be approved and incorporated into the MRP.